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Attachment to

3 August 1967

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REFERENCE TO: Mission 1042, ROCKET MOTOR FACILITIES  
LENINGRAD AREA, USSR

1. SIGNIFICANCE: INDICATIONS OF ROCKET MOTOR R & D AND TESTING.
2. LOCATION:  
AREA 1, 23 NM NE OF LENINGRAD  
AREA 2, 20 NM NE OF LENINGRAD  
AREA 3, 10 NM NE OF LENINGRAD  
NEW PLANT, IMMEDIATELY NORTH OF PETROKREPOST.
3. REMARKS:  
AS EARLY AS JUNE 1964 (CIA/PID PROJECT C-832-64)  
THERE HAS BEEN INTEREST IN THE POSSIBLE ROCKET  
TEST AREAS NEAR LENINGRAD. HOWEVER PHOTOGRAPHIC  
COVERAGE AND QUALITY HAS PRECLUDED ANY DETAILED  
ANALYSIS OF THESE FACILITIES. EVIDENCE OF TEST  
FIRINGS HAVE BEEN NOTED AS EARLY AS MARCH 1964  
WITH A HIGH RATE OF ACTIVITY BEING OBSERVED ON  
THIS MISSION. PRIOR TO THIS MISSION THE PETRO-  
KREPOST FACILITY HAS BEEN KNOWN AS PRODUCING  
ONLY COMMERCIAL TYPE EXPLOSIVES, IE., SAFETY  
FUSES, MINING GRADE EXPLOSIVES.

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5. FIRST IDENTIFICATION:

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6. NEGATION DATE:

ALL AREAS -- NONE.

7. SUBSEQUENT COVERAGE:

AREA 1: 14 KH-4 AND 2 KH-7 MISSIONS

AREA 2: 14 KH-4 AND 1 KH-7 MISSIONS

AREA 3: 18 KH-4 AND 1 KH-7 MISSIONS

NEW PLANT: 27 KH-4 AND 1 KH-7 MISSIONS

8. DIMENSIONS/  
SPECIFICATIONS:

AREA 1: BLAST MARKS - 510 FT  
480 FT

AREA 2: BLAST MARKS - 630 FT  
570 FT

AREA 3: BLAST MARKS - 295 FT, 630 FT  
350 FT, 220 FT

9. MISSION READOUT:

LENINGRAD SOLID PROPL RKT MTR TEST SITE, AREA 1

THE PRESENCE OF 2 LARGE LIGHT-TONED BLAST MARKS

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AT THE U-SHAPED REVETMENTS CONFIRMS THE REVETMENTS AS SOLID PROPELLANT HORIZONTAL TEST POSITIONS. THE BLAST MARK ON THE EAST SIDE IS 510 FT LONG AND THE ONE ON THE WEST SIDE IS 480 FT LONG. THE 3 REMAINING IDENTICAL U-SHAPED REVETMENTS ARE CONFIRMED AS SMALL MOTOR TEST POSITIONS. THIS FACILITY IS CONFIRMED AS A SOLID PROPELLANT TEST SITE.

LENINGRAD SOLID MOTOR TEST FACILITY, AREA 2

TWO LARGE LIGHT-TONED BLAST MARKS AND ONE PROBABLE BLAST MARK INDICATE A CONTINUING HIGH DEGREE OF TEST ACTIVITY. THE MORE NORTHERLY BLAST MARK MEASURES 630 FT LONG WHILE THE MORE SOUTHERLY BLAST MARK MEASURES 570 FT LONG.

LENINGRAD SOLID PROPL RKT MTR TEST SITE, AREA 3

THE PRESENCE OF LIGHT-TONED BLAST MARKS AT ALL 4 OF THE PREVIOUSLY IDENTIFIED PROBABLE SOLID PROPELLANT HORIZONTAL TEST CELLS CONFIRMS THESE POSITIONS AS SOLID PROPELLANT HORIZONTAL TEST CELLS. THE BLAST MARKS, STARTING AT THE NE TEST CELL AND GOING SW ARE 295 FT, 630 FT, 350 FT, AND 220 FT IN LENGTH RESPECTIVELY. THIS FACILITY IS NOT ENGAGED IN THE PROCESSING/PRODUCTION OF ROCKET MOTORS. THE AREA PREVIOUSLY REPORTED AS A PROCESSING AREA CONTAINS 8 REVETTED BUILDINGS PROBABLY USED FOR THE INSPECTION OF ROCKET MOTORS PRIOR TO AND AFTER TEST FIRINGS. FOUR UNPROTECTED BUILDINGS, PROBABLY SUPPORT STRUCTURES, ARE SE OF THE INSPECTION AREA.

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PETROKREPOST PROB ROCKET MOTOR R & D PLT

THIS PLANT WAS FORMERLY REPORTED AS PETROKREPOST EXPLOSIVES PLANT MOROZOV, RATHER THAN A MOTOR R & D AND PROTOTYPE PRODUCTION FACILITY.

IT CONTAINS AT LEAST 9 REVETTED PROBABLE PROPELLANT HANDLING FACILITIES, SEVERAL OF WHICH HAVE THE SIZE AND CONFIGURATION OF ROCKET MOTOR PROPELLANT MIXING AND CASTING BUILDINGS. THERE IS ONE VERY LARGE STRUCTURE WHICH IS PROBABLY A DOUBLE-BASE PROPELLANT PREPARATION FACILITY.

A SMALL POSSIBLE ROCKET MOTOR TEST FACILITY IS IN A SEPARATELY SECURED AREA NORTH OF THE PLANT. AN ADDITIONAL POSSIBLE TEST FACILITY IS IMMEDIATELY EAST OF THE PLANT. THE PLANT ALSO CONTAINS A HEAT AND POWER-PLANT AND NUMEROUS SUPPORT BUILDINGS, SEVERAL OF WHICH SUGGEST AN ASSEMBLY/INSPECTION FUNCTION. TWO APPARENTLY ABANDONED EXPLOSIVES/MUNITIONS STORAGE AREAS ARE NORTH OF THE PLANT. THERE HAS BEEN SIGNIFICANT CONSTRUCTION ACTIVITY IN THE PLANT DURING THE 1966-67 PERIOD.

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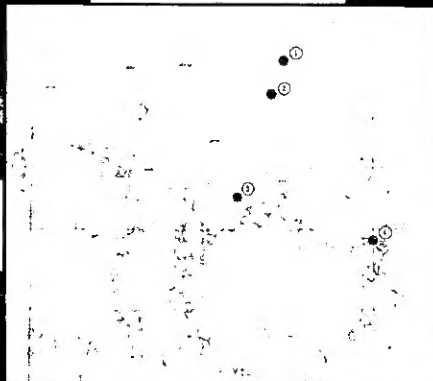
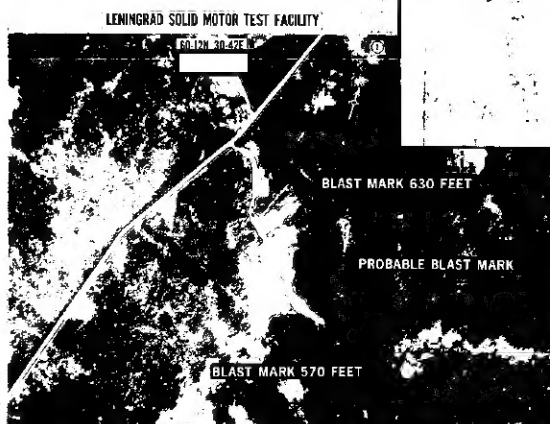
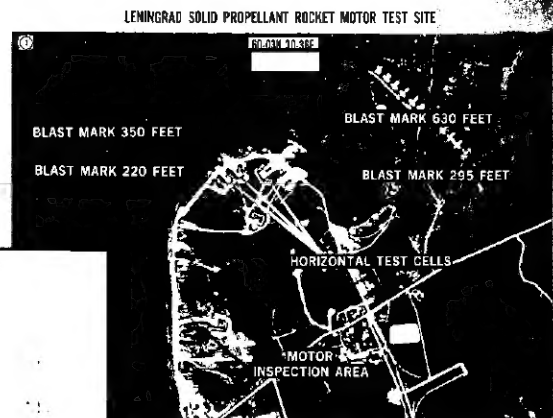
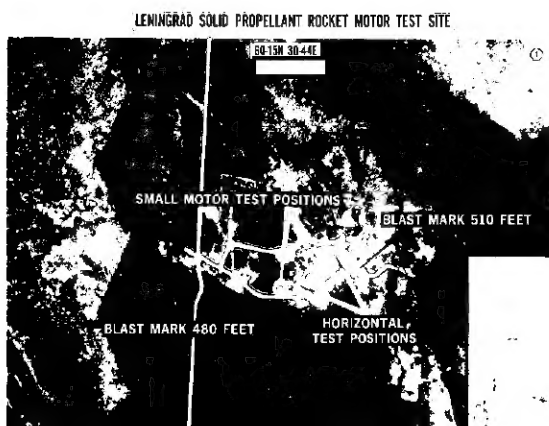


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# ROCKET MOTOR FACILITIES

LENINGRAD AREA, USSR



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